

Advice Provider

Advice₁



Advice_n¹



Advice_n²



Advice₁₀³



Advice Consumer₁

Advice Consumer₂



Advice Consumer₁₀⁶

Fig 1

FIG. 1 is a block diagram of a system 100 for providing advice to multiple consumers. The system 100 includes an advice provider 110 and a plurality of advice consumers 140. The advice provider 110 is configured to generate advice 120 and provide the advice 120 to the advice consumers 140. The advice consumers 140 are configured to receive the advice 120 and provide feedback 130 to the advice provider 110. The advice provider 110 and the advice consumers 140 are connected via a communication network 150.

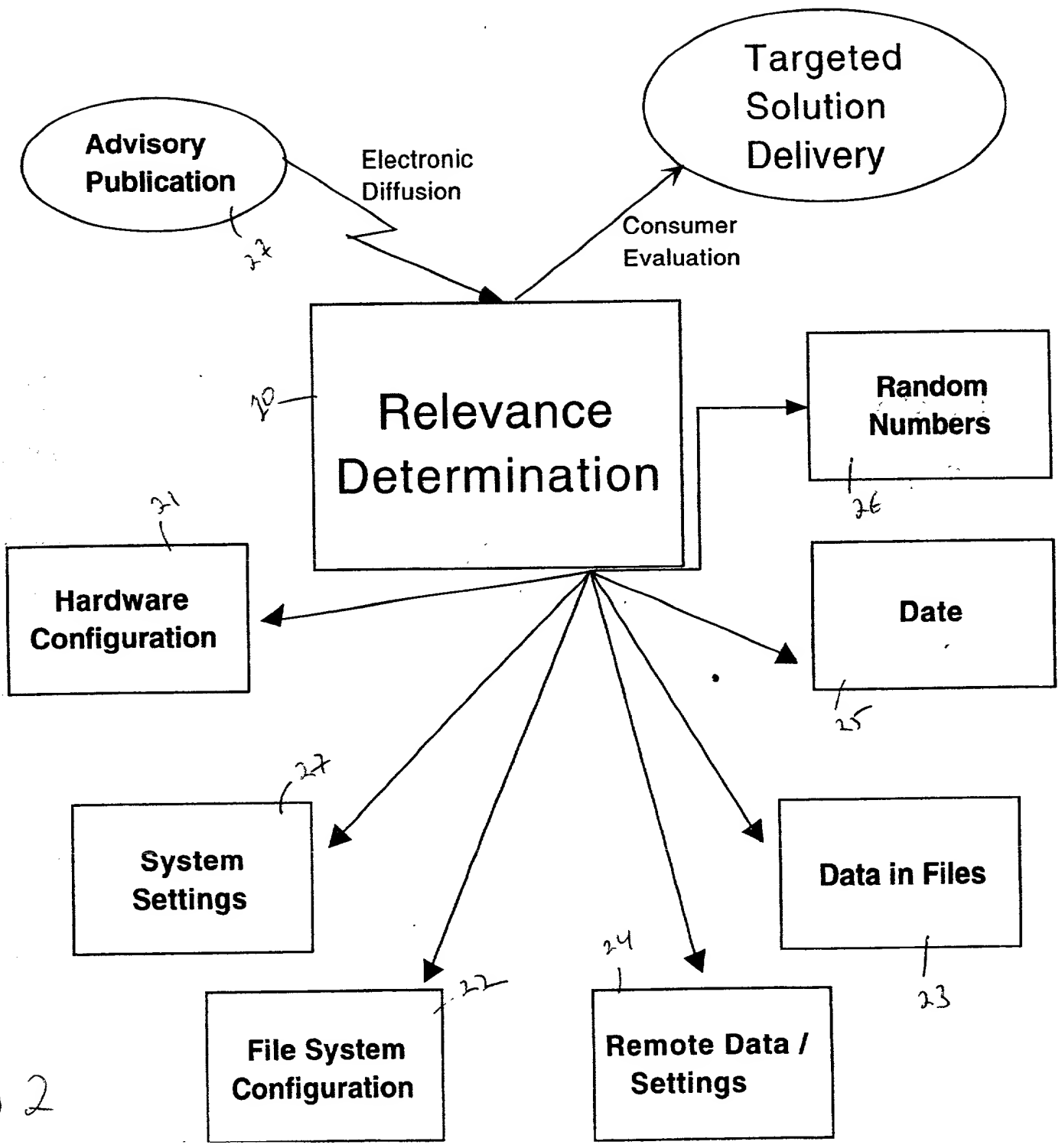
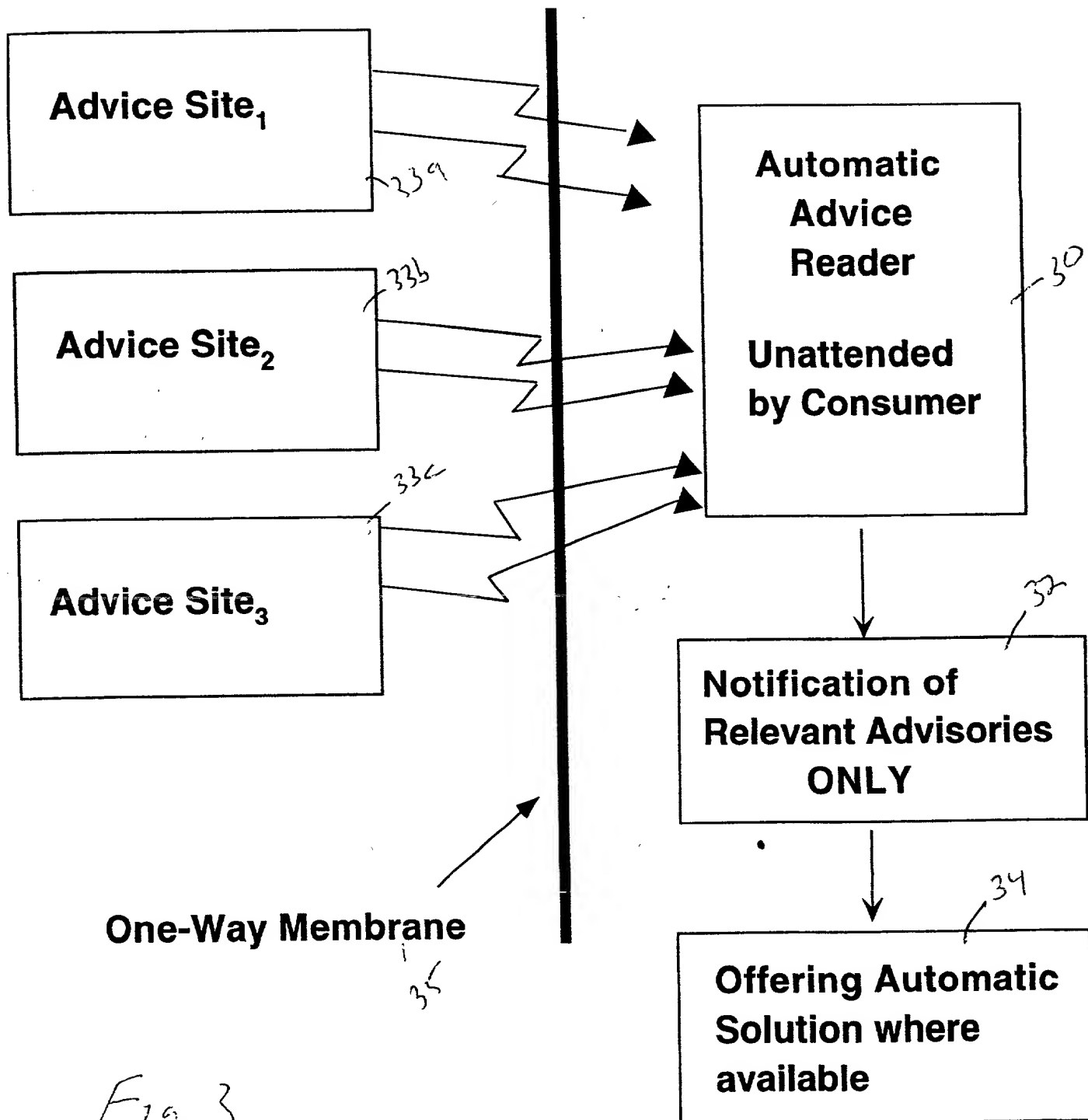


Fig 2



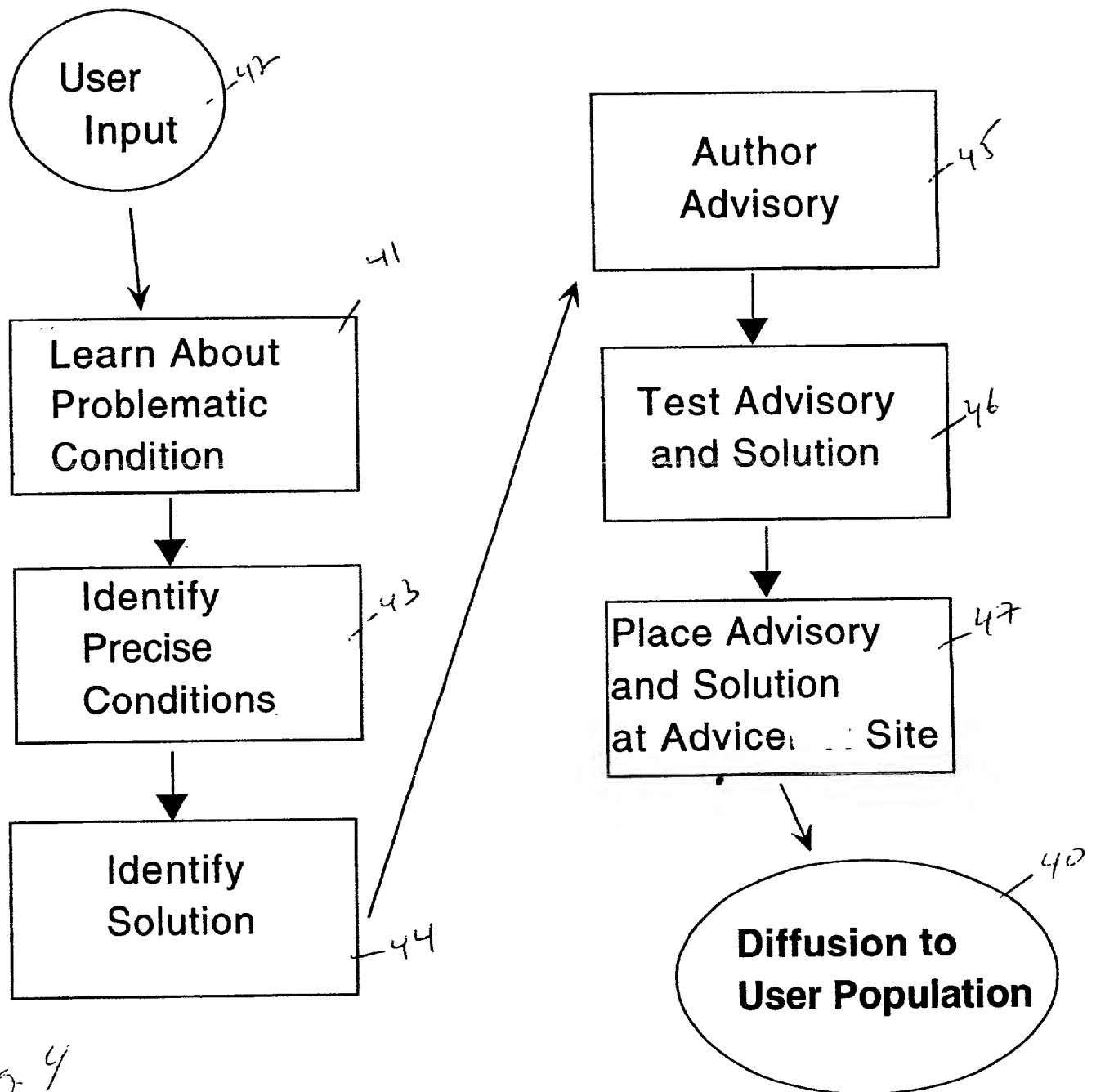


Fig. 4

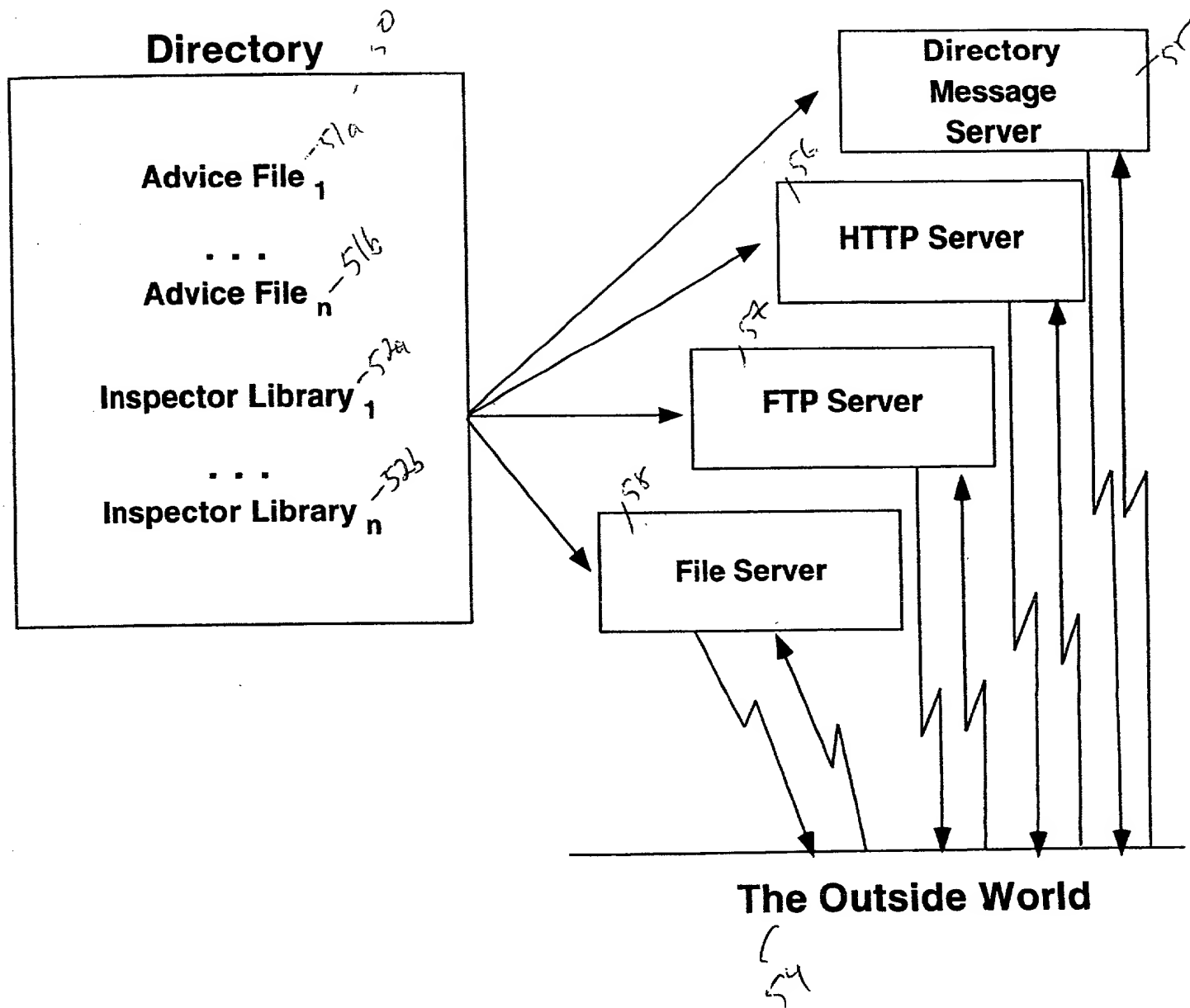


Fig-5

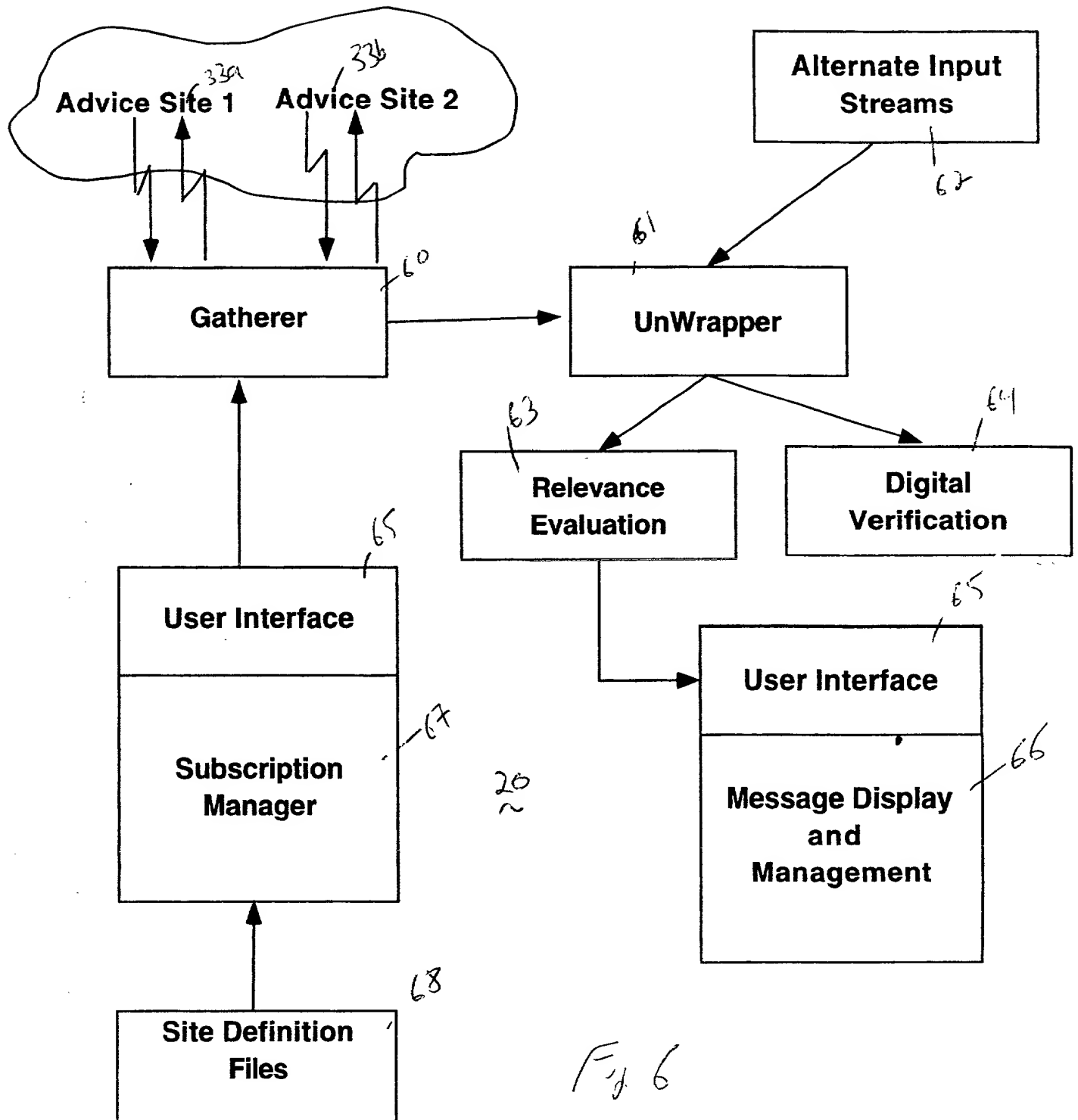


Fig 6

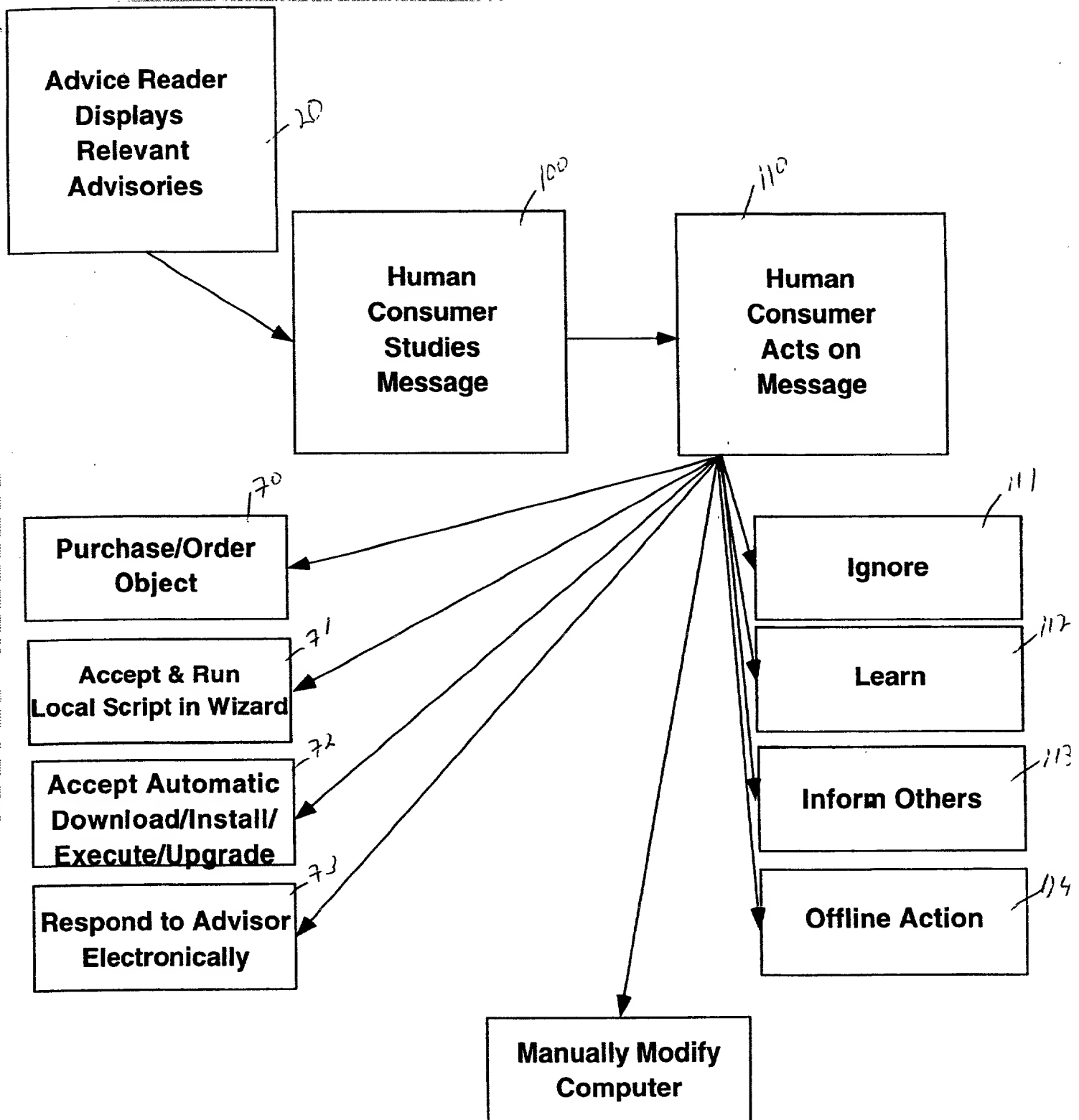


Fig 7

DATE: SAT MAR 21 1998 17:54:06 -0800

FROM: JOE ADVISOR <ja@advisories.com>

MIME-Version 1.0

ORGANIZATION: Universe Communications, Inc.

SUBJECT: You need to upgrade Advice Reader

RELEVANT-WHEN: version of file "Advice.exe"
< 5.0

CONTENT-TYPE: text/html; charset us=ascii

<HTML><BODY>

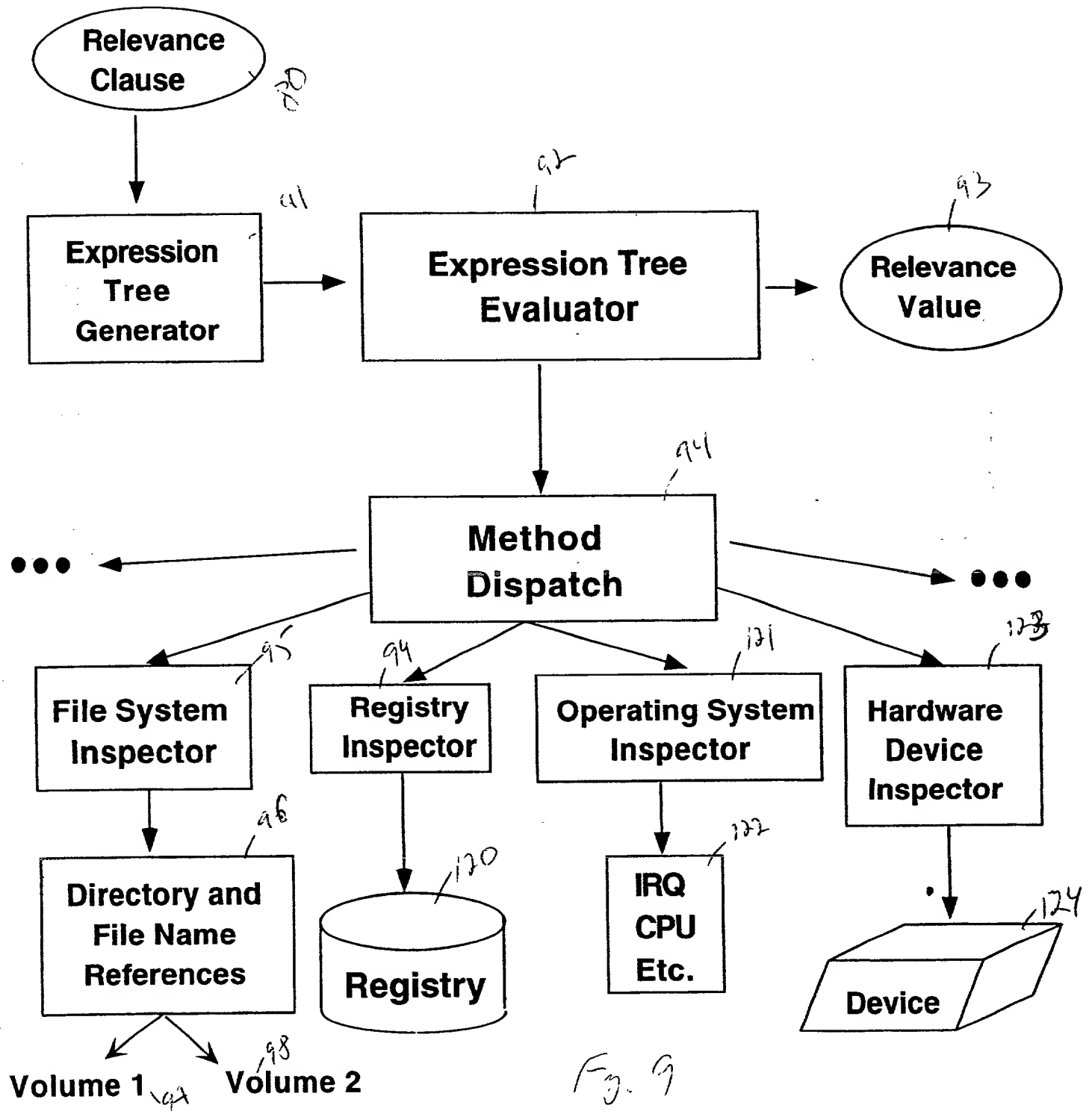
Click here to <A HREF = "http://advisories.com/a"
download the latest version of Advice Reader.
</BODY></HTML>

SUBJECT LINE - 82

RELEVANCE CLAUSE - 80

MESSAGE BODY - 81

F-28



Expression:

(not exists File 'System' of System Folder) or
(not exists File 'MacTCP DNR' of System Folder)

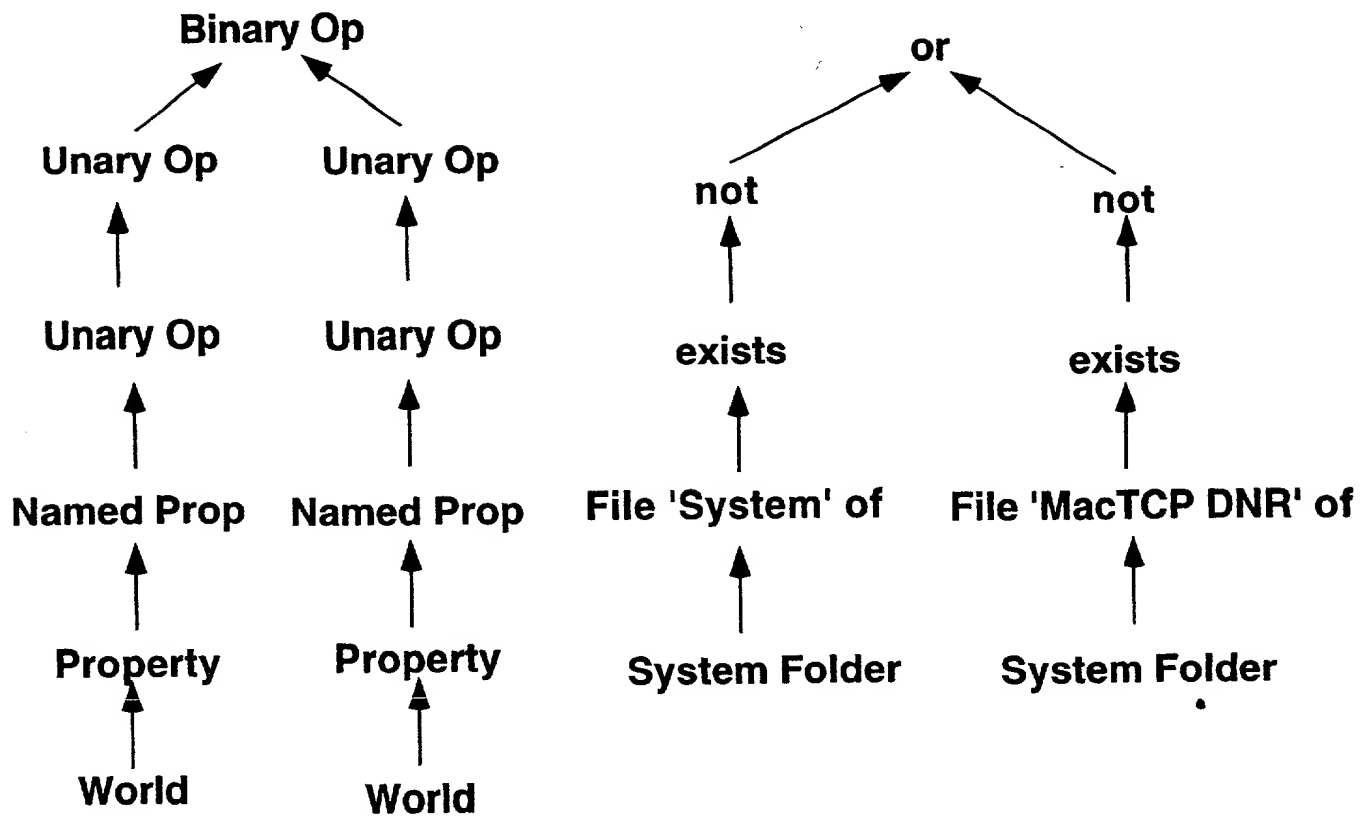


Fig 10

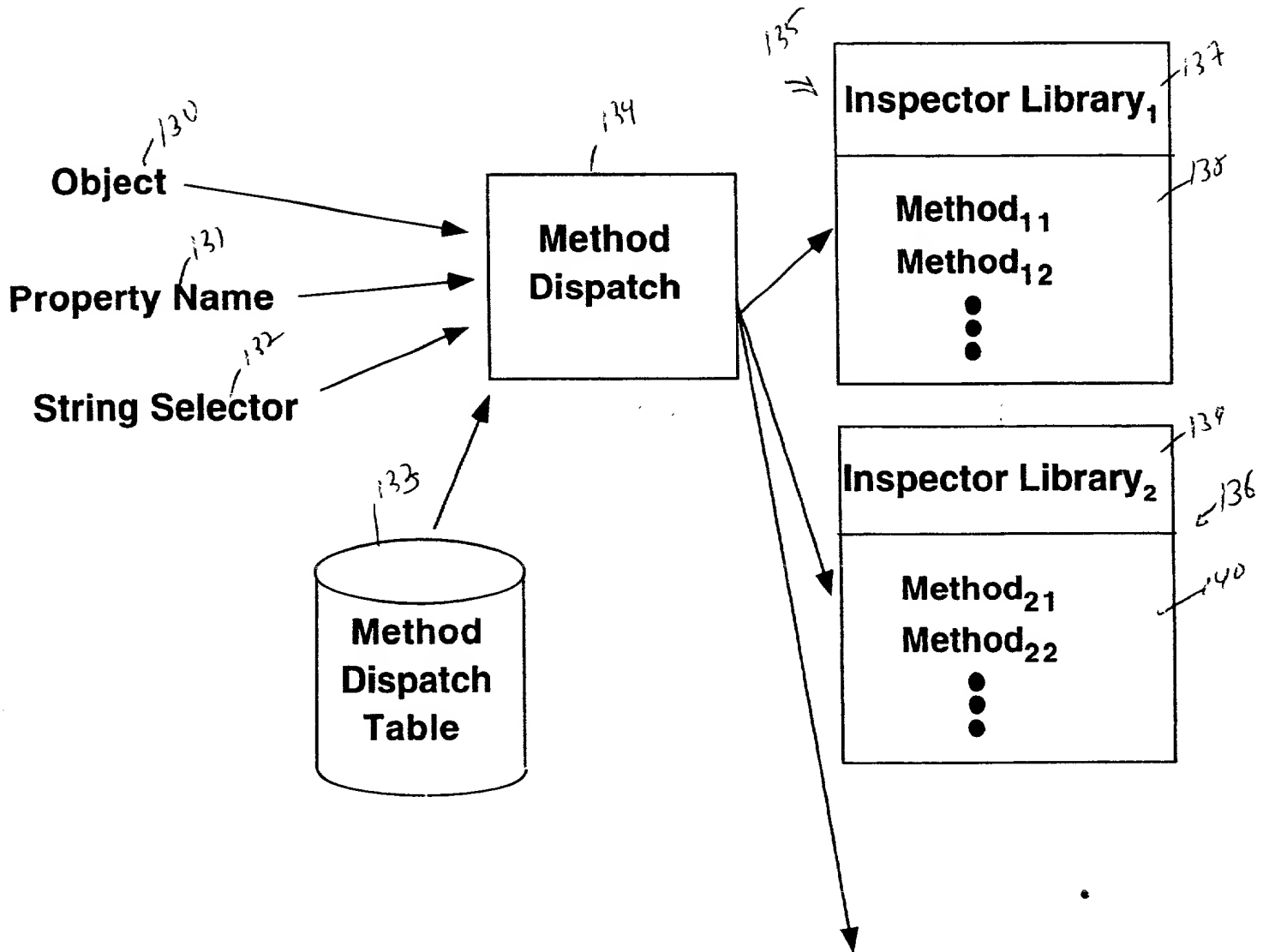


Fig 11

Object ———→ **Unary Operator** ———→ **Result-Object**

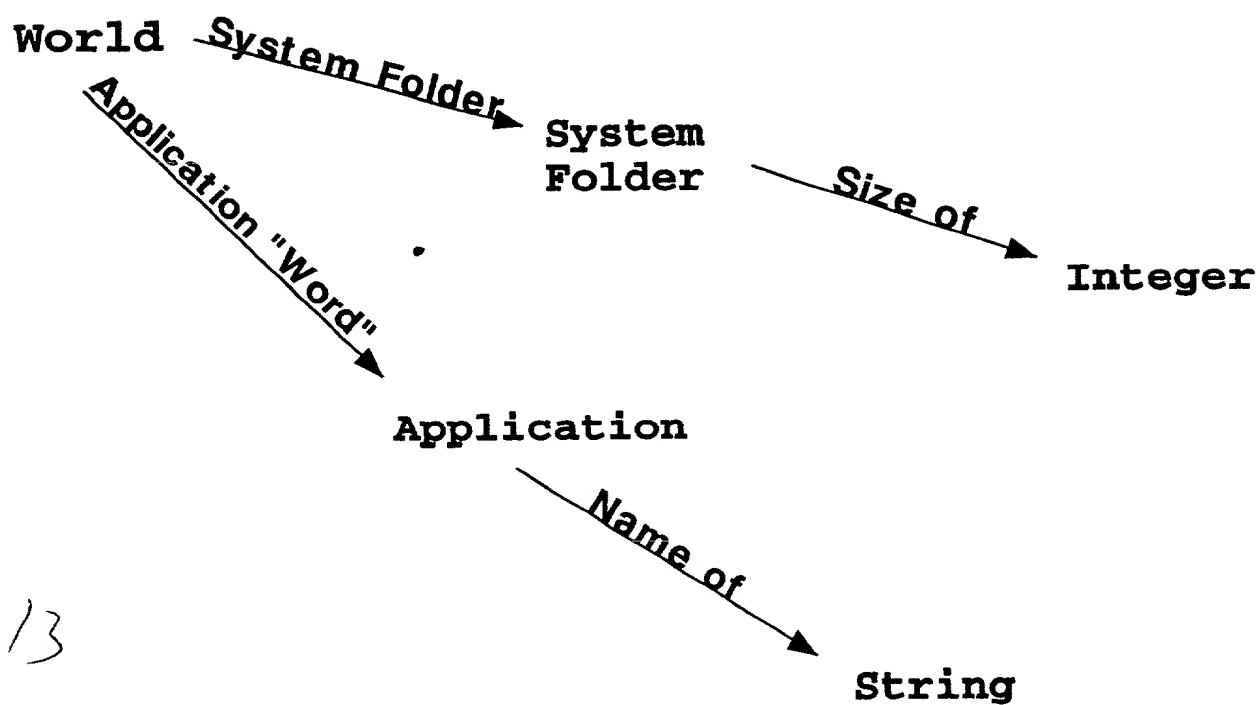
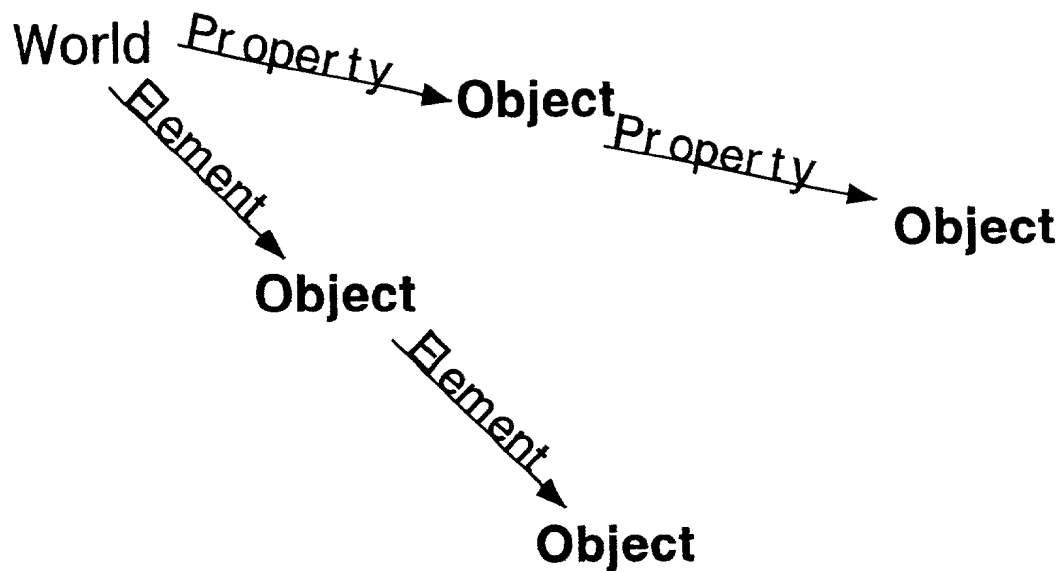
Object ———→ **Property** ———→ **Result-Object**

Object ———→ **Named Property** —→ **Result-Object**

String Selector

Object 1 ———→ **Binary Operator** ———→ **Result-Object**
Object 2 ———→

F₇ 12



Fz 13

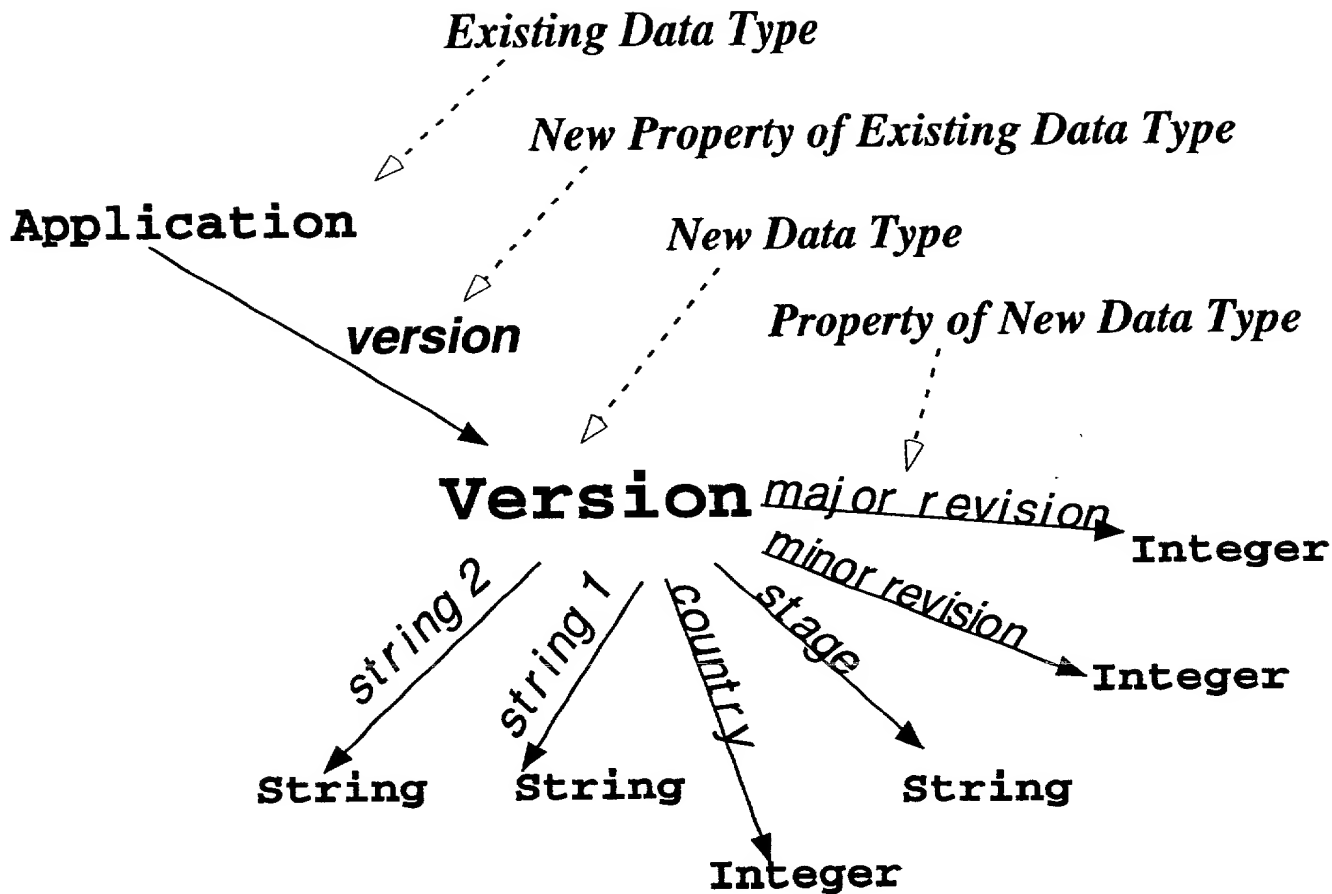


Fig. 14

Inspector Library

Macintosh "Version" Inspector

(version, "major revision", maj-rev-meth)
(version, "minor revision", min-rev-meth)
(version, "stage", stage-meth)
(version, "country", country-meth)
(version, "string 1", string 1-meth)
(version, "string 2", string 2-meth)

Phrase Definitions
Data type associations
Method associations

METHOD maj-rev-meth;
METHOD min-rev-meth;
METHOD stage-meth;
METHOD country-meth;
METHOD string 1-meth;
METHOD string 2-meth;

Method Definitions

Fig. 15

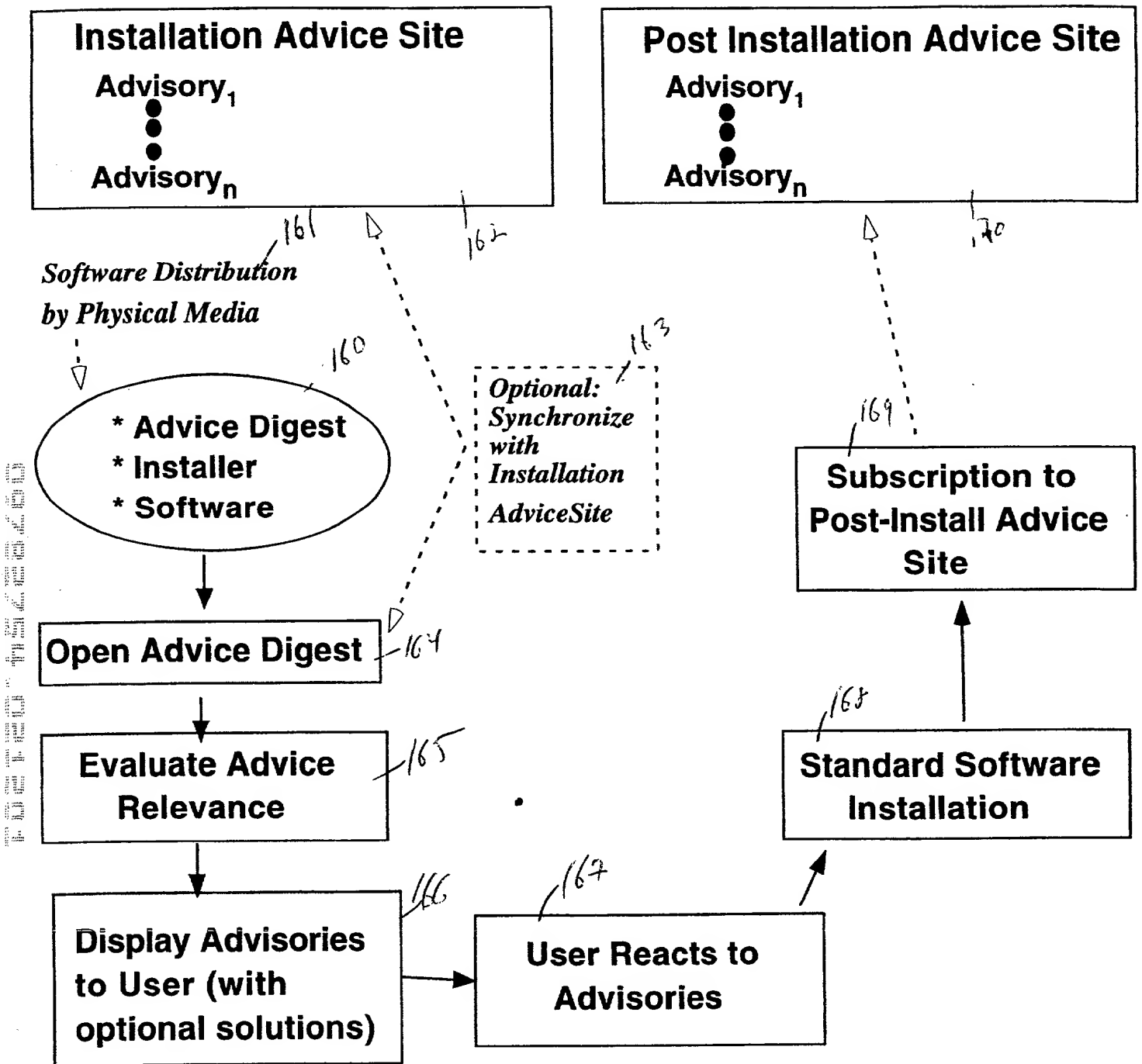


Fig. 16

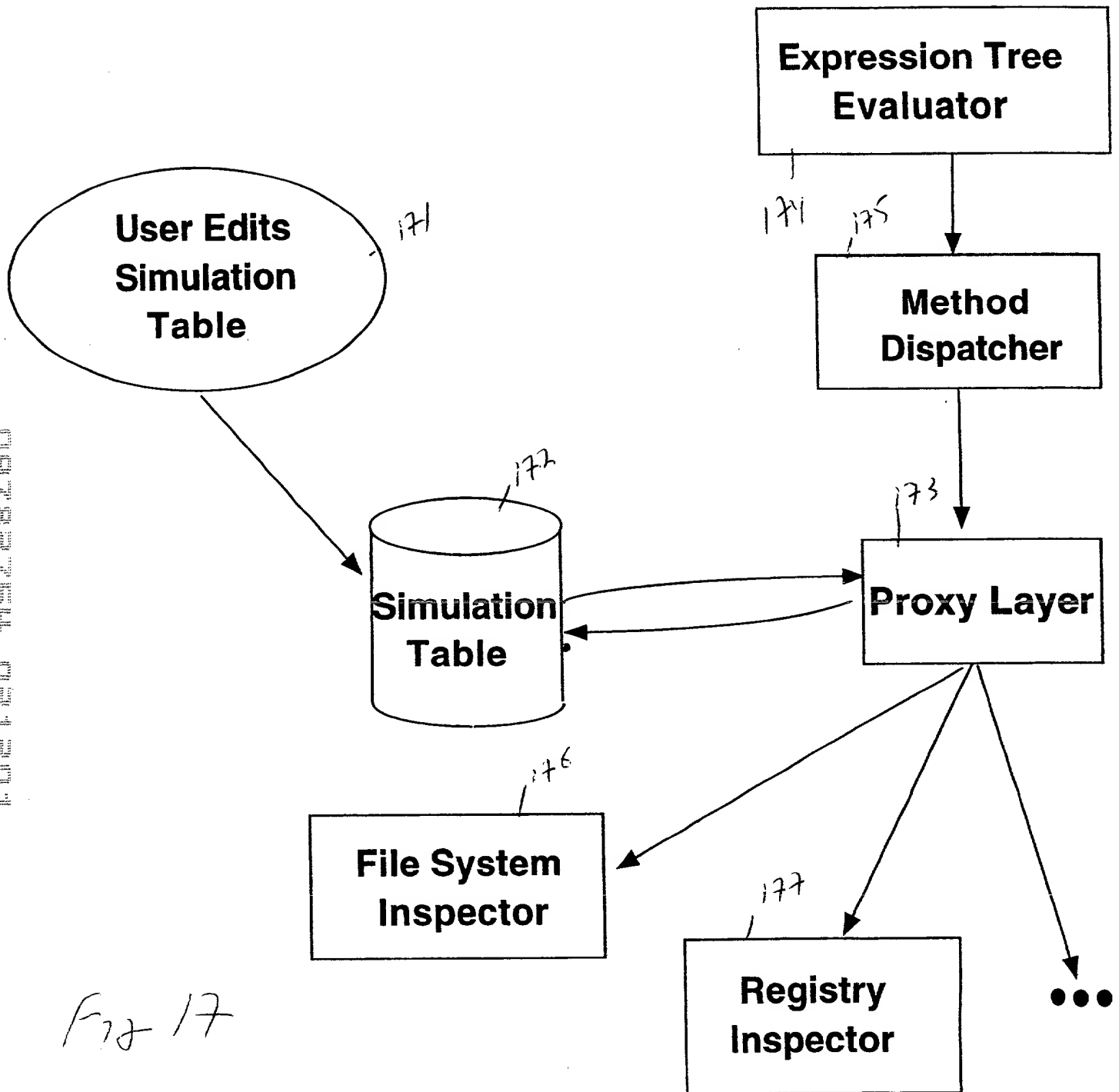
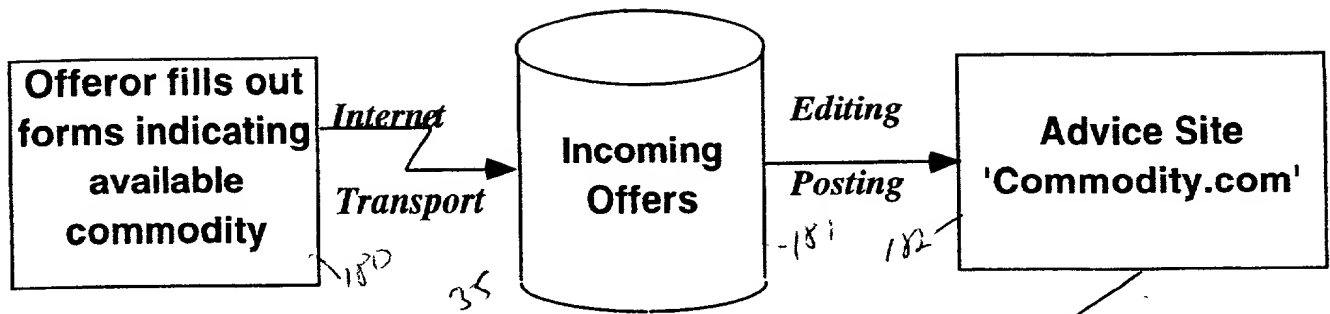


Fig 17



One-way Membrane

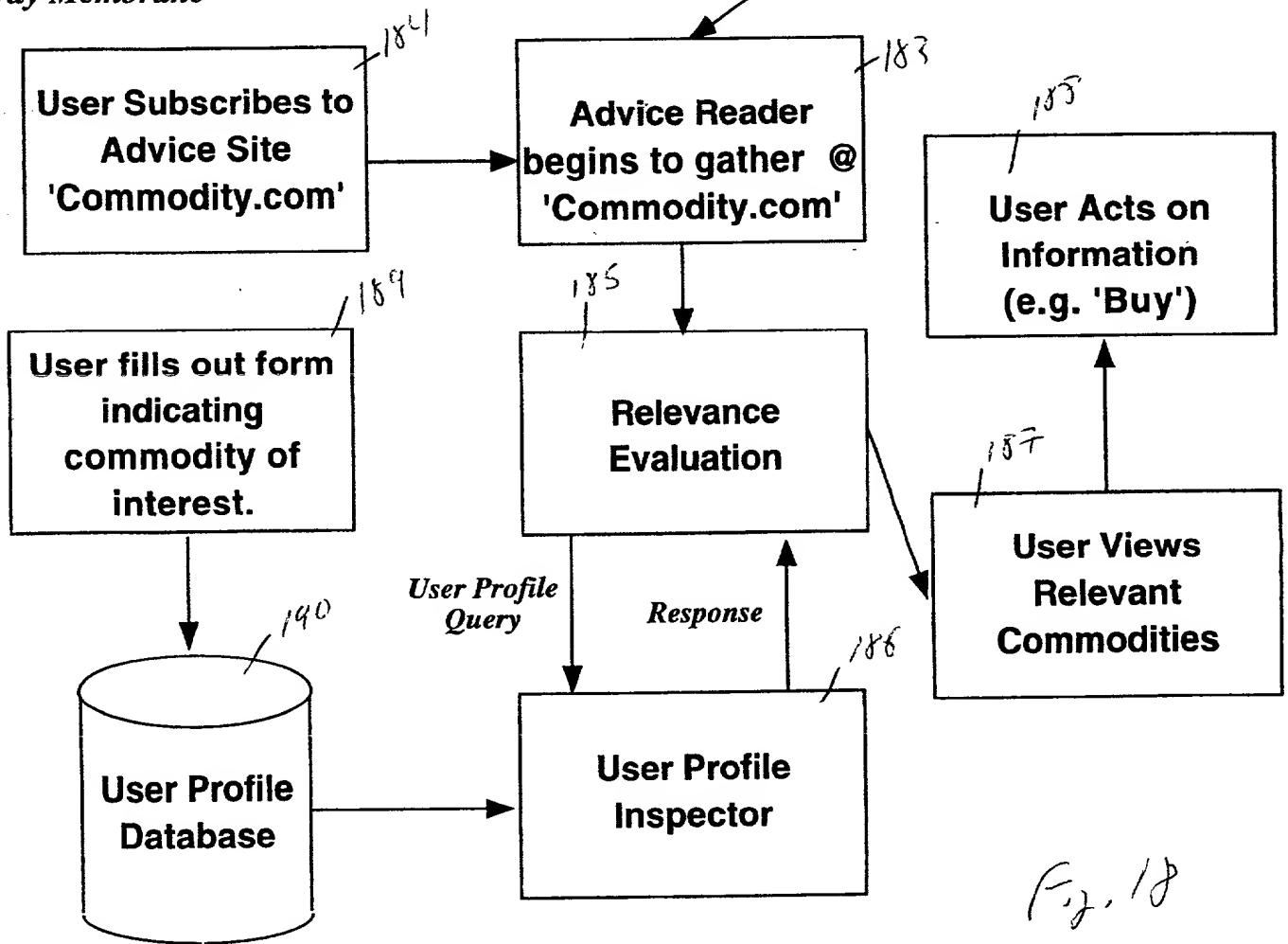


Fig. 18

**Author Writes
Document With
Relevance Clauses
And Inspector Clauses**

191

**User Opens Document
With Viewer Containing
Relevance Filter And
Inspector Interpolation**

192

**User Views Document
Customized For His
Local Environment**

193

Example Source

**\$IF(Computer='Macintosh'){
As a Macintosh user, you
know how to navigate in the
Finder, in particular how to
use the Find File command .**

194

**}
\$IF(Computer='PC'){
As a PC user, you know how
to navigate in the shell, in
particular how to use the
Start button .**

}

Example Source

**Your Machine has \$\$Size
of RAM\$\$ Mb of Memory.
Your Hard Disk has \$\$Size of
Boot Volume\$\$ total storage.**

195

Fig. 19

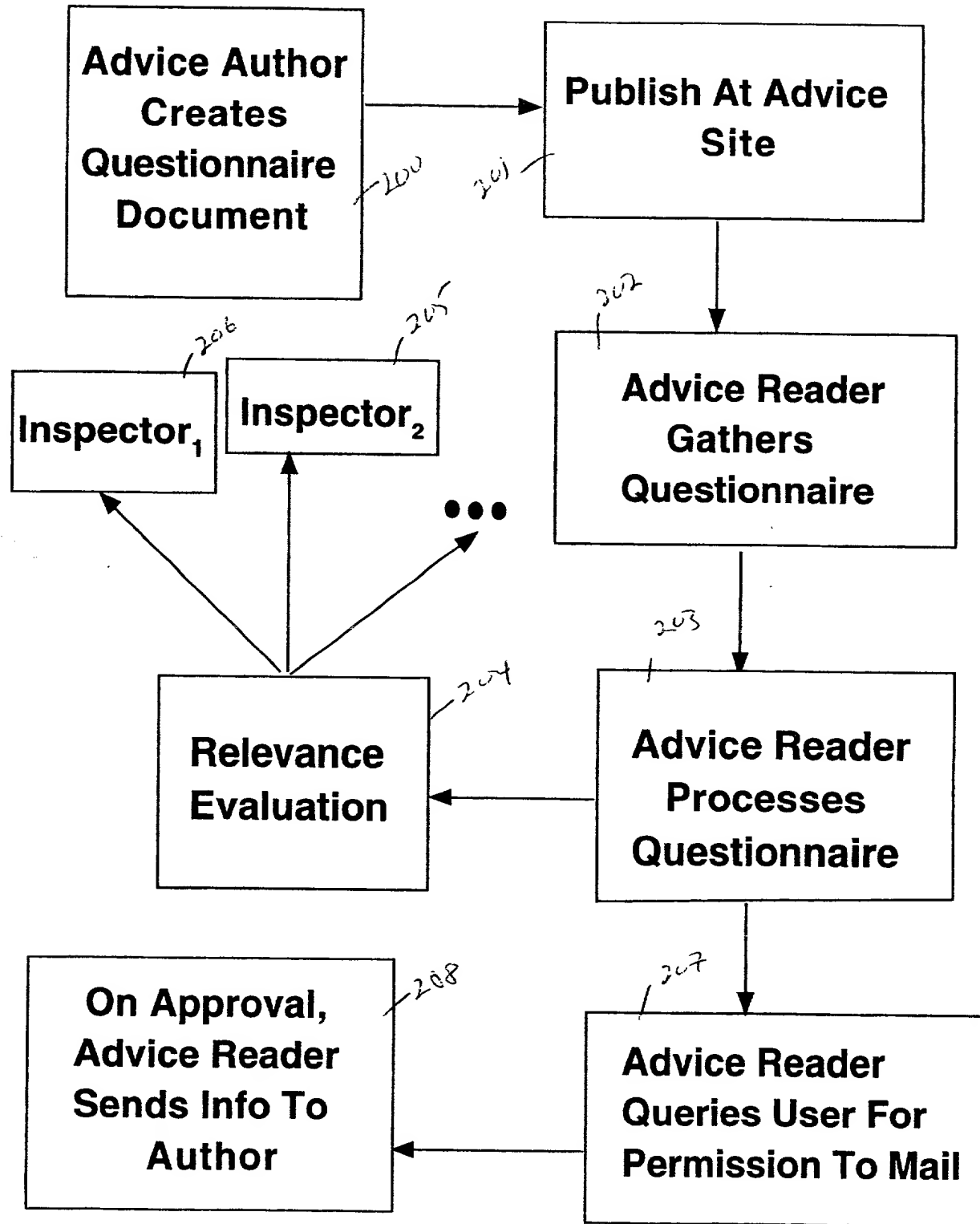


Fig. 20

FIG. 21 is a block diagram of a system for providing advice to a user. The system includes an Overlord Advice Site (210), a Subscribing Advice Reader Gathers Advice (211), a Relevance Evaluation (212), a Relevant Message Displayed (213), a User Approval/Denial Action (214), and a Reporting of User Actions (215). The Overlord Advice Site (210) sends data to the Subscribing Advice Reader Gathers Advice (211). The Subscribing Advice Reader Gathers Advice (211) sends data to the Relevance Evaluation (212). The Relevance Evaluation (212) sends data to the Relevant Message Displayed (213). The Relevant Message Displayed (213) sends data to the User Approval/Denial Action (214). The User Approval/Denial Action (214) sends data to the Reporting of User Actions (215). The Reporting of User Actions (215) sends Feedback (216) to the Overlord Advice Site (210).

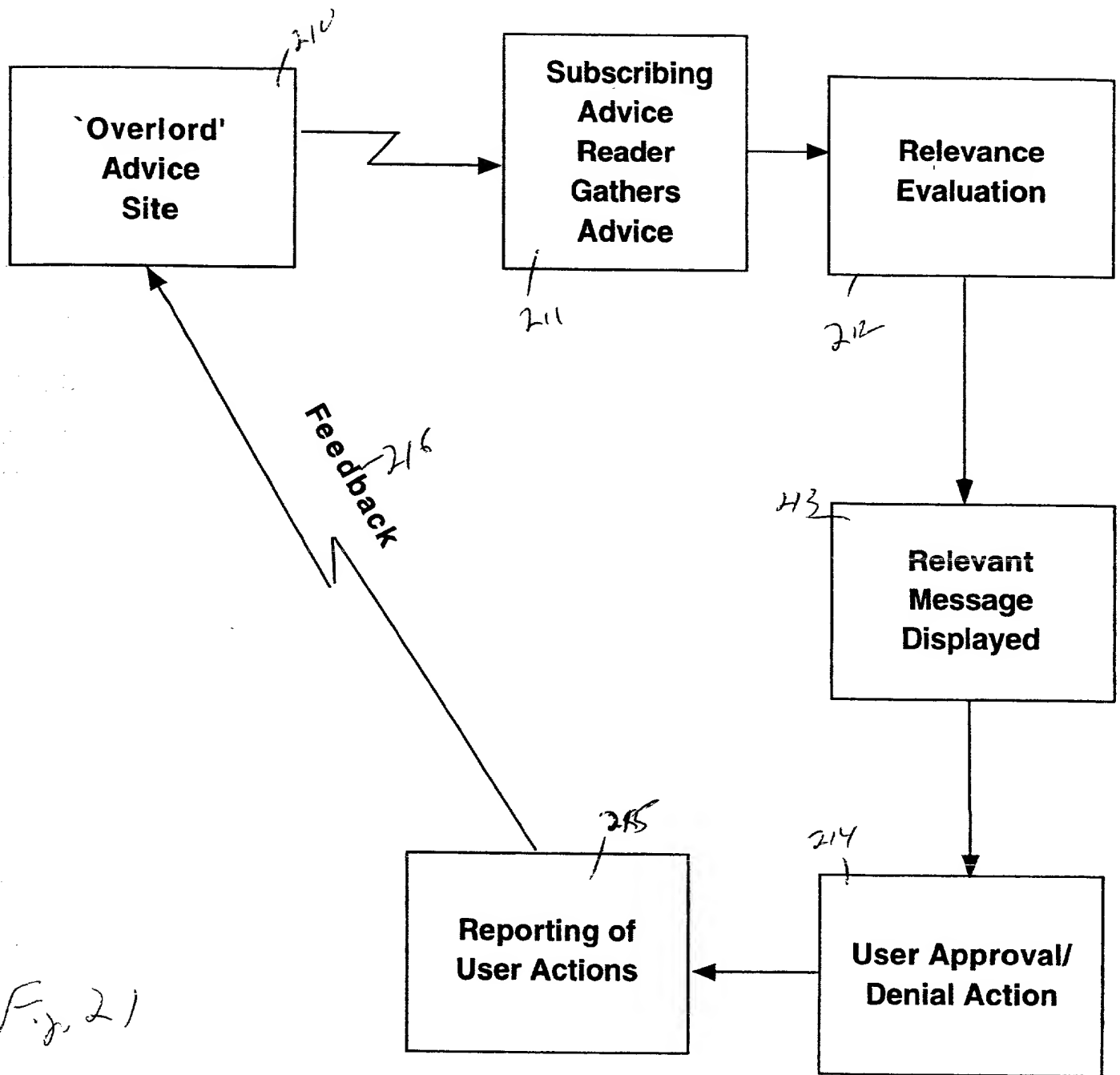


Fig. 21

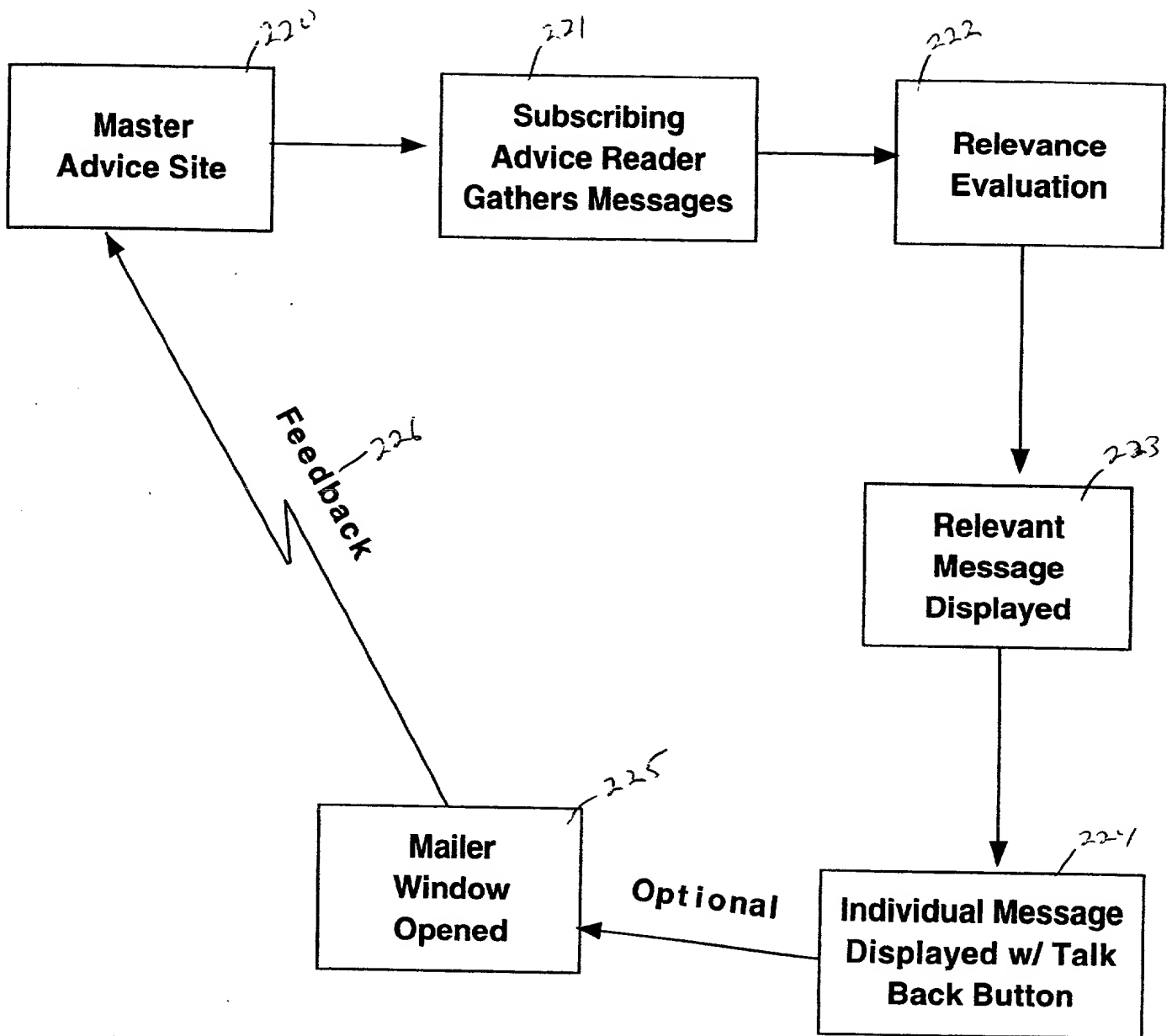


Fig. 22

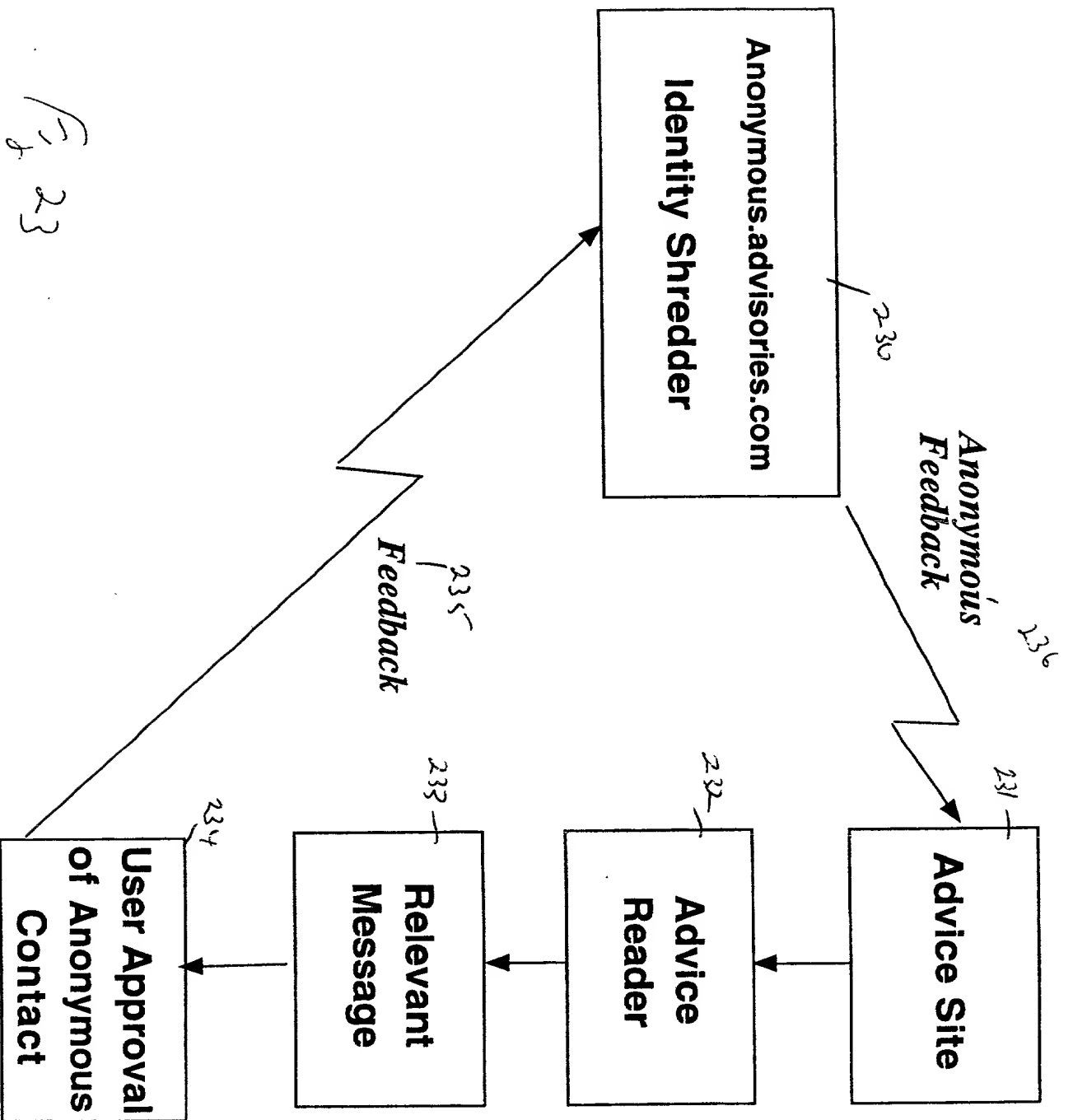


Fig 23

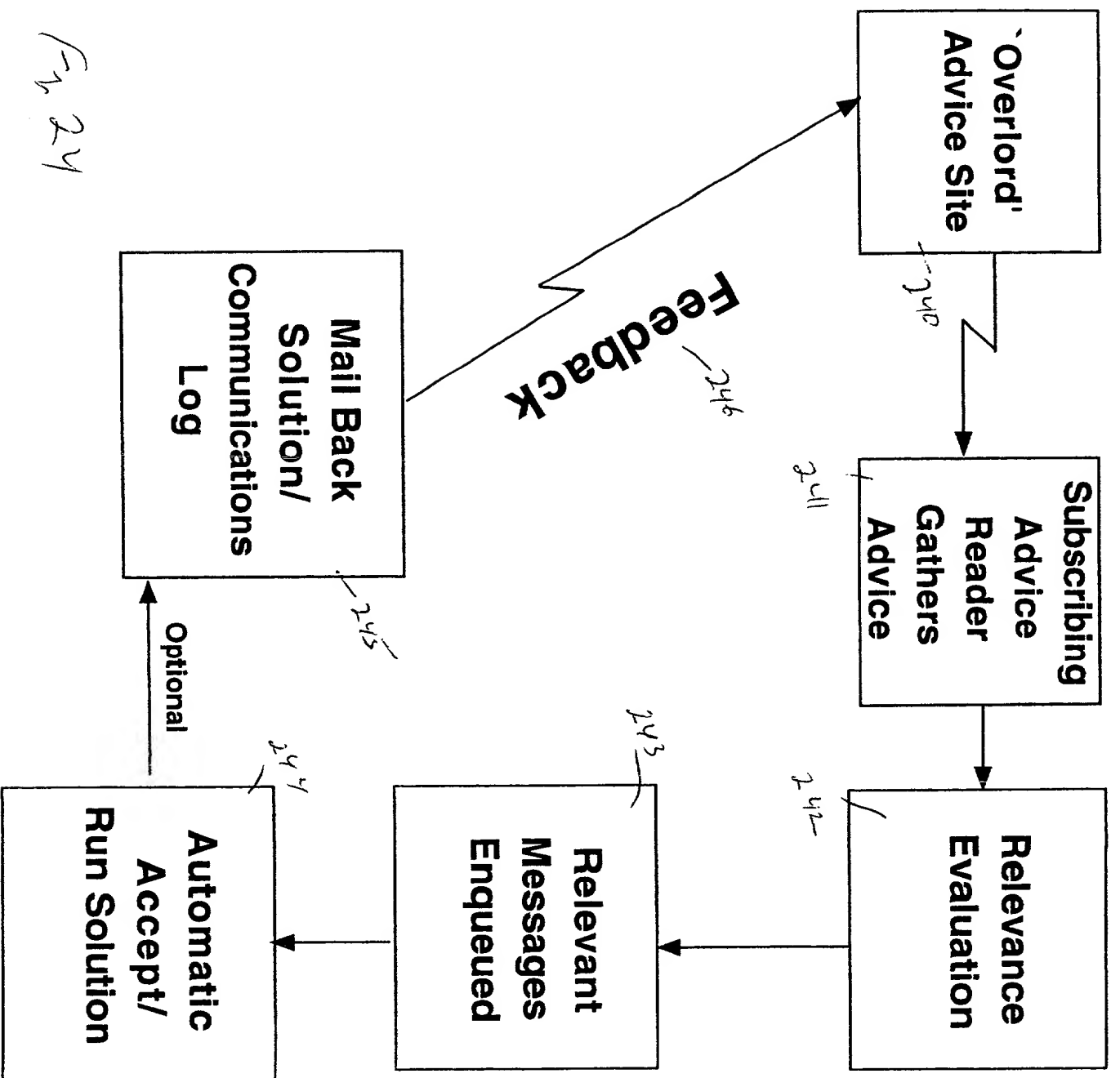
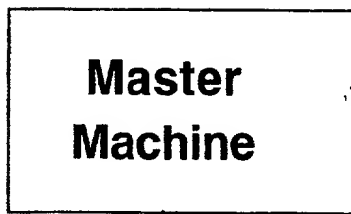


Fig 24



Broadcast Relevance Clause

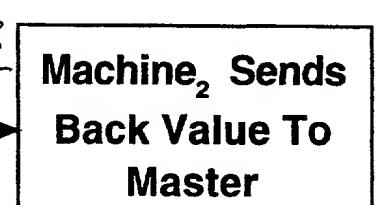
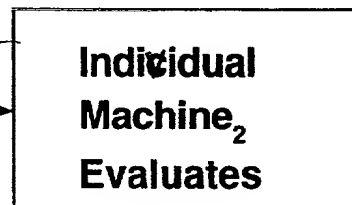
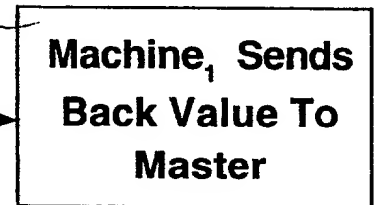
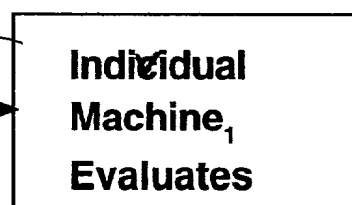
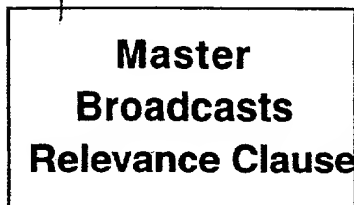
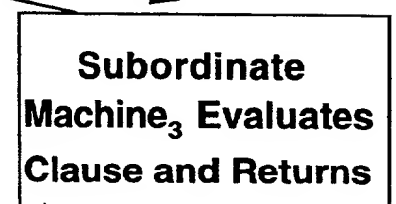
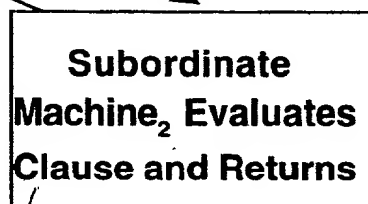
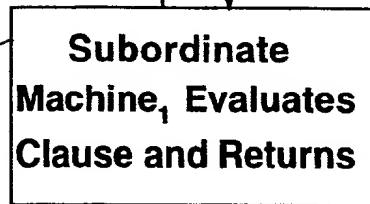


Fig 25